

Claims

1. A method of controlling microbial growth on or in engineering material, which comprises applying an antimicrobially effective amount of an antimicrobial composition that comprises A) fludioxonil to the engineering material to be treated.
2. A method according to claim 1, wherein the antimicrobial composition further comprises at least one compound B) selected from the group consisting of:  
azaconazole, bitertanol, bromuconazole, cyproconazole, diclobutrazol,  
difenoconazole, diniconazole, diniconazole-m, epoxiconazole, etaconazole,  
fenbuconazole, fluquinconazole, flusilazole, flutriafol, furconazole, furconazole-cis,  
hexaconazole, imibenconazole, ipconazole, metconazole, myclobutanil,  
oxpoconazole fumarate, paclobutrazol, pefurazoate, penconazole, propiconazole,  
prothioconazole, quinconazole, simeconazole, tebuconazole, tetraconazole,  
triadimefon, triadimenol, triticonazole, uniconazole, and uniconazole-p.
3. A method according to claim 2, wherein the active compounds A) and B) are present in a ratio A) : B) by weight of from 5:1 to 1:5.
4. A method according to any one of claims 1 to 3, wherein said composition further comprises an insecticide C) selected from the group consisting of: imidacloprid, thiamethoxam and fipronil.
5. A method according to any one of claims 2 to 4, wherein B) is tebuconazole and said composition further comprises a carrier.
6. A method according to any one of claims 1 to 5, wherein said composition is applied to said material by a means selected from the group consisting of: spraying, atomizing, dusting, scattering, pouring, brushing, dipping, soaking, impregnating and treating in closed pressure- or vacuum systems.
7. Engineering material obtainable by a method of any one of claims 1 to 6.

8. The use of an antimicrobial composition that comprises A) fludioxonil to control microbial growth on or in engineering material.
9. The use according to claim 8, wherein said composition further comprises at least one compound B) selected from the group consisting of: azaconazole, bitertanol, bromuconazole, cyproconazole, diclobutrazol, difenoconazole, diniconazole, diniconazole-m, epoxiconazole, etaconazole, fenbuconazole, fluquinconazole, flusilazole, flutriafol, furconazole, furconazole-cis, hexaconazole, imibenconazole, ipconazole, metconazole, myclobutanil, oxpoconazole fumarate, paclobutrazol, pefurazoate, penconazole, propiconazole, prothioconazole, quinconazole, simeconazole, tebuconazole, tetraconazole, triadimefon, triadimenol, triticonazole, uniconazole, and uniconazole-p.
10. An antimicrobial composition which comprises A) fludioxonil and at least one compound B1) selected from the group consisting of: azaconazole, bitertanol, bromuconazole, diclobutrazol, diniconazole, diniconazole-m, epoxiconazole, etaconazole, fenbuconazole, flusilazole, flutriafol, furconazole, furconazole-cis, hexaconazole, imibenconazole, ipconazole, metconazole, myclobutanil, oxpoconazole fumarate, paclobutrazol, pefurazoate, penconazole, propiconazole, quinconazole, simeconazole, tetraconazole, triadimefon, triadimenol, uniconazole, and uniconazole-p.
11. An antimicrobial composition according to claim 10, wherein the active compounds A) and B1) are present in a ratio A) : B1) by weight of from 5:1 to 1:5.
12. An antimicrobial composition according to claim 10 or claim 11, wherein B1) is propiconazole.
13. An antimicrobial composition according to any one of claims 10 to 12, which further comprises an insecticide C) selected from the group consisting of: imidacloprid, thiamethoxam and fipronil.

14. A method of controlling microbial growth on or in industrial material, which comprises applying an antimicrobially effective amount of the antimicrobial composition according to any one of claims 10 to 13 to the industrial material to be treated.
- 5 15. A method according to claim 14, wherein the industrial material is selected from the group consisting of: leather and wood.
- 10 16. A method according to claim 14 or claim 15, wherein said composition is applied to said material by a means selected from the group consisting of: spraying, atomizing, dusting, scattering, pouring, brushing, dipping, soaking, impregnating and treating in closed pressure- or vacuum systems.
- 15 17. The use of a composition according to any one of claims 10 to 13 to control microbial growth on or in industrial material.
18. The use according to claim 17, wherein the industrial material is selected from the group consisting of: leather and wood.
- 20 19. Industrial material obtainable by a method of any one of claims 14 to 16.
20. Industrial material according to claim 19, wherein said material is selected from the group consisting of: leather and wood.
- 25 21. A method of preserving wood which comprises treating the wood with an antimicrobially effective amount of an antimicrobial composition consisting essentially of: A) fludioxonil and a carrier.
- 30 22. A method according to claim 21, wherein said composition is applied to said material by a means selected from the group consisting of: spraying, atomizing, dusting, scattering, pouring, brushing, dipping, soaking, impregnating and treating in closed pressure- or vacuum systems.

23. The use of an antimicrobial composition consisting essentially of: A) fludioxonil and a carrier to control microbial growth on or in wood.
24. Wood obtainable by a method according to claim 21 or claim 22.
- 5 25. A method of controlling microbial growth on or in industrial material, which comprises applying an antimicrobially effective amount of an antimicrobial composition comprising A) fludioxonil and at least one compound B2) selected from the group consisting of: cyproconazole, propiconazole, triticonazole and
- 10 fluquinconazole to the industrial material to be treated.
26. A method according to claim 25, wherein the active compounds A) and B2) are present in a ratio A) : B2) by weight of from 5:1 to 1:5.
- 15 27. A method according to claim 25 or claim 26, wherein said composition further comprises an insecticide C) selected from the group consisting of: imidacloprid, thiamethoxam and fipronil.
28. A method according to any one of claims 25 to 27, wherein B2) is selected from the
- 20 group consisting of: propiconazole and cyproconazole.
29. A method according to any one of claims 25 to 28, wherein the industrial material is selected from the group consisting of: leather and wood.
- 25 30. A method according to any of claims 25 to 29, wherein said composition is applied to said material by a means selected from the group consisting of: spraying, atomizing, dusting, scattering, pouring, brushing, dipping, soaking, impregnating and treating in closed pressure- or vacuum systems.
- 30 31. Industrial material obtainable by a method of any one of claims 25 to 30.
32. Industrial material according to claim 31, wherein said material is selected from the group consisting of: leather and wood.

33. The use of an antimicrobial composition that comprises A) fludioxonil and at least one compound B2) selected from the group consisting of: cyproconazole, propiconazole, triticonazole and fluquinconazole to control microbial growth on or  
5 in industrial material.
34. The use according to claim 33, wherein the industrial material is selected from the group consisting of: leather and wood.